

Amendments to the Claims

Please amend the claims as follows. The changes are shown with ~~strikethrough~~ for deleted matter and underlining for added matter. A complete listing of the claims is set out below with proper claim identifiers.

1. (Previously Presented) A thermoplastic elastomer composition which comprises:

an isobutylene block copolymer (A) containing a polymer block composed predominantly of isobutylene and a polymer block composed predominantly of an aromatic vinyl compound;

an alkenyl-terminated isobutylene polymer (B); and

a crosslinking agent (C);

wherein the alkenyl-terminated isobutylene polymer (B) is crosslinked dynamically in melt-mixing of the isobutylene block copolymer (A) with the alkenyl-terminated isobutylene polymer (B), and the crosslinking agent (C) is a hydrosilyl group-containing compound.

2. (Original) The thermoplastic elastomer composition according to Claim 1, wherein the alkenyl-terminated isobutylene polymer (B) is at least one polymer selected from the group consisting of

(B-1) an alkenyl-terminated isobutylene homopolymer or an alkenyl-terminated isobutylene random copolymer, and

(B-2) a modified alkenyl-terminated isobutylene block copolymer comprising a polymer block composed predominantly of isobutylene and a polymer block composed predominantly of an aromatic vinyl compound.

3. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,

wherein the alkenyl-terminated isobutylene polymer (B) is an allyl-terminated polymer obtainable by substitution reaction of terminal chlorine atom of the isobutylene polymer with allyltrimethylsilane.

4. (Cancelled)
5. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,
wherein the alkenyl-terminated isobutylene polymer (B) is crosslinked in a stage preceding the blending with isobutylene block copolymer (A).
6. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,
wherein the block constituting the isobutylene block copolymer (A) is a triblock copolymer comprising a polymer block (a) composed predominantly of isobutylene and a polymer block (b) composed predominantly of an aromatic vinyl compound and having the structure represented as (b)-(a)-(b).
- 7.-8. (Cancelled)
9. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,
which further comprises a plasticizer (D).
10. (Original) The thermoplastic elastomer composition according to Claim 9,
wherein the plasticizer (D) is at least one selected from the group consisting of paraffinic mineral oil and naphthene mineral oil.
11. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,
which further comprises a reinforcing material (E).
12. (Original) The thermoplastic elastomer composition according to Claim 11,
wherein the reinforcing material (E) is at least one selected from the group consisting of polystyrene, polyphenylene ether and mixture thereof.

13. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,

wherein the alkenyl-terminated isobutylene polymer (B) is a polymer having weight average molecular weight of 1,000 to 500,000 and containing at least 0.2 alkenyl groups per molecule at the molecular chain terminus.

14. (Previously Presented) The thermoplastic elastomer composition according to Claim 1,

which comprises 5 to 1000 weight parts of isobutylene block copolymer (A) per 100 weight parts of the alkenyl-terminated isobutylene polymer (B).

15. (Currently Amended) The thermoplastic elastomer composition according to Claim 1~~Claim 7~~,

which further comprises a plasticizer (D).

16. (Currently Amended) The thermoplastic elastomer composition according to Claim 1~~Claim 7~~,

which further comprises a reinforcing material (E).

17. (Previously Presented) The thermoplastic elastomer composition according to Claim 9,

which further comprises a reinforcing material (E).

18. (Previously Presented) The thermoplastic elastomer composition according to Claim 15,

which further comprises a reinforcing material (E).